

STATEMENT OF WORK
(SOW)
FOR THE REBUILD
OF THE AAV
M36E3 HEAD ASSEMBLY
NSN 1240-01-387-6728

DATED: 6 September 2000

SOW-01-834-1-8G828B-1/1

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FOR THE REBUILD OF THE
AAV M36E3 HEAD ASSEMBLY
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REBUILD OF THE AAV M36E3 HEAD ASSEMBLY
NSN 1240-01-387-6728

1.0 SCOPE. This Statement of Work (SOW), along with TM 8F419B-35&P establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the rebuild of the Assault Amphibious Vehicle (AAV) M36E3 Head Assembly. These documents contain minimum requirements to restore the M36E3 Head Assembly to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitations or restrictions". The Head Assembly is identified by National Stock Number (NSN) 1240-01-387-6728.

1.1 BACKGROUND. Rebuild is defined as that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through complete disassembly of the item, inspection of all parts or components, repair or replacement of worn or unserviceable parts using original manufacturing tolerances and/or specifications and subsequent reassembly of the item.

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-2073-1C	DoD Standard Practice for Military Packaging
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MIL-STD-129	DoD Standard Practice for Military Marking
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Military Standards (Guidance Only)

MIL-STD-973	Configuration Management
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2.2 Other Government Documents and Publications

DoD 4160.21-M	Defense Materiel Disposition Manual
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TM 8F419B-35&P	Maintenance Instruction and Repair Parts List, Intermediate and Depot, M36E3 Periscope, Upgunned Weapon Station, Assault Amphibious Vehicle, Personnel, Model 7A1 AVP7A1
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TM 2350-45	DMA Standard Procedures
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TI-4700-45/6B	Installation of Repair/Overhaul Data Plates-All Equipment End Items, Assemblies and Components
Drawing 7004156	Naval Sea System Command Drawing for Head Assembly M36E3
DTD	Multi User Engineer Change Proposal Automated Review System (MEARS) Document Type Definitions (DTD)
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel from the Federal Supply System

2.3 Industry Standards

ANSI/ISO/ASQC Q9003-1994 Quality Systems-Model for Quality Assurance in Final Inspection and Test

Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Defense Automation Production Service Philadelphia, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Commercial (215) 697-2179 or DSN 442-2179 or <http://www.dodssp.daps.mil>. Copies of handbooks, publications and other Government documents required by the contractor in connection with specific SOW requirements shall be obtained, in writing, from: Commander, Marine Corps Logistics Bases, Attn: Publication Branch (Code 876), Albany, Georgia 31704-5000, Commercial (229) 639-5818/19, or DSN 567-5818/19. Copies of Drawings and Engineering Change Proposals required by the contractor shall be obtained in writing from Life Cycle Management Center, Attn: (Code 851-3), Marine Corps Logistics Bases, 814 Radford Blvd, STE 20302, Albany, Georgia, 31704-3020, Commercial (229) 639-6410 or DSN 567-6410.

3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the contractor shall:

a. Provide materials, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, rebuild, and calibrate as required to make the above components fully operational. Upon completion of the rebuild, the M36E3 Head Assembly shall be in Condition Code "A".

b. Conduct final-on-site testing which shall be witnessed by Marine Corps Logistics Base Albany, Georgia (MARCORLOGBASEALB),(Code 834-1) representative at his/her discretion.

c. The contractor shall be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the above components and assemblies as specified in TM 8F419B-35&P, TM 2350-45, TI-4700-45/6B, MIL-STD-2073-1C, and MIL-STD-129.

d. Ensure all M36E3 Head Assemblies meet the configuration of Naval Sea System Command Drawing 7004156.

e. All mandatory replacement parts identified in TM 8F419B-35&P shall be replaced 100%. Economical replacement parts may be reused if they meet the applicable inspection requirements in TM 2350-45. All parts shall be disposed of in accordance with DoD 4160.21-M.

3.2 Detailed Tasks. The following tasks describe the different phases for the rebuild of the M36E3 Head Assembly.

3.2.1 Phase I - Rebuild. The contractor shall receive the M36E3 Head Assembly for rebuild. The contractor shall then disassemble the M36E3 Head Assembly into components and conduct the rebuild process. The contractor shall rebuild components in accordance with TM 8F419B-35&P and this SOW. The contractor shall be responsible for supplying all equipment, tools, test equipment, and materials for the conduct of this effort. The contractor shall be responsible for the integration and assembly of all components. The configuration identification for the M36E3 Head Assembly are defined by the specifications annotated on current revision level of Naval Sea System Command Drawing 7004156. A Rebuild Data Plate shall be installed in accordance with TI-4700-45/6B.

3.2.2 Phase II - Inspection, Testing, and Acceptance

a. The contractor shall provide a Certificate of Conformance with delivery of the final product attesting the product meets or exceeds the requirement of this SOW. Any deficiencies discovered will be corrected by the contractor.

b. Inspection, testing and acceptance of the M36E3 Head Assembly shall be conducted in accordance with TM 8F419B-35&P and ANSI/ISO/ASQC Q9003-1994.

3.2.3 Phase III – Packaging, Handling, Storage, and Transportation (PHS&T).

a. The contractor shall be responsible for the application of preservation and packaging for items being repaired under the terms of this SOW. Items scheduled for long term storage or shipment to overseas destinations shall be in accordance with level A requirements of MIL-STD-2073-1C, Appendix J, Table J.Ia., Specialized Preservation Code “DW”. Items scheduled for domestic shipment, immediate use or short-term storage shall be to level B requirements.

b. Marking shall conform to MIL-STD-129.

c. The Marine Corps shall provide the contractor with the shipping address(es) for the delivery of the repaired equipment. The contractor shall be responsible for arranging for

shipment to the pre-designated site(s). The Marine Corps shall be responsible for transportation costs associated with shipping the subject equipment to and from the contractor.

3.3 Configuration Management

a. The contractor shall apply configuration control to established configuration items. The contractor shall not implement a design or performance change to items without receiving prior authorization from the contracting activity. The need to deviate from the written procedures or materials contained in the technical manuals/engineering drawings shall be requested by the electronic submission of a Request for Deviation (RFD)/Request for Waiver (RFW). MIL-STD-973, paragraph 5.4.3 or 5.4.4, provide guidance for preparing these configuration change documents. The contractor shall be furnished with MEARS DTD, and either the associated template for the production of electronic RFD/RFWs or the MEARS CREATE application. All electronic change submissions shall be prepared in accordance with the DTD. Delivery media and formats are contained in the application Contract Data Requirements List (CDRL).

b. The submission of electronic files shall be accomplished by the originator placing the file RFD/RFW files on the MCLBA shared drive, matcomapps05/mears/foaav or equivalent address. The originator shall notify the contracting activity of a RFD residing on applicable server by e-mail. As an alternative to placing the RFD/RFW on the server, the originator may e-mail the document using zip files.

3.4 Government Furnished Equipment (GFE) and Government Furnished Materiel (GFM)

GFE is government owned equipment authorized by contract for use by a commercial/government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into a product being manufactured/remanufactured under a contract/SOW. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA) at MARCORLOGBASEALB (MCA/Code 827-2) will coordinate required GFE and will maintain a central control on Marine assets in the Contractors possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature to establish a chain of custody and property responsibility for Marine Corps assets.

3.5 Contractor Furnished Materiel (CFM)

The Marine Corps has adopted the Navy's procedures regarding CFM (NAVICPINST 4491.2A). In the event that CFM is required for repair parts, the contractor shall requisition through the DoD Supply System. DOD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System

3.6 Quality Assurance Provisions

3.6.1 The performance of the contractor's quality of work performed, material provided and documents written shall be subject to in-process review and inspection by the MARCORLOGBASEALB (Code 834-1) representative during contract performance. Inspection

may be accomplished at any work location. The MARCORLOGBASEALB (Code 834-1) representative requires at a minimum, two weeks notice of acceptance test to allow for sufficient time for MARCORLOGBASEALB (834-1) representative to witness the test if he or she desires. Inspection by the MARCORLOGBASEALB (834-1) representative of acceptance tests, materials and associated lists furnished hereunder does not relieve the contractor from any responsibility regarding defects or other failures to meet the SOW requirements which may be disclosed prior to final acceptance.

3.6.2 The contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9003-1994. The contractor's work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by a MARCORLOGBASEALB (834-1) representative. Noncompliance with these quality assurance procedures resulting in degraded quality of work may result in a stop-work order requiring action by the contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such inspection, it shall be the contractor's responsibility to ensure that the entire system meets the performance requirements of this SOW.

4.0 Reports/Documentation

4.1 Reports/Documentation that are required:

a. The contractor shall provide a Monthly Parts Usage Report on each M36E3 Head Assembly. The report shall be sequenced by Master Work Schedule Line Number (MWSLN) and Production Number.

b. The contractor shall provide a Monthly Production Status Report summarizing the progress and status of the M36E3 Head Assembly.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

A. CONTRACT LINE ITEM NO.

B. EXHIBIT

C. CATEGORY:
TDP TM Other XXX

D. SYSTEM/ITEM
AAV M36E3 Head Assembly

E. CONTRACT/PR No.

F. CONTRACTOR

1. DATA ITEM No.
A001

2. TITLE OF DATA ITEM
Production Status Report

3. SUBTITLE
Monthly Production Status Report

4. AUTHORITY (Data Acquisition Document No.)
DI-MGMT-81255

5. CONTRACT REFERENCE
SOW 4.1.b

6. REQUIRING OFFICE
MARCORLOGBASES (834)

7. DD 250 REQ.
LT

9. DIST STATEMENT
REQUIRED
A

10. FREQUENCY
MTHLY

12. DATE OF FIRST SUBMISSION
See Blk 16

14. DISTRIBUTION
a. ADDRESSEE
MCLBA (834-1)

b. COPIES
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FINAL
Reg
1

Repro
0

8. APP CODE

11. AS OF DATE

13. DATE OF SUBSEQUENT
SUBMISSION

16. REMARKS

Block 4 - Contractor format is authorized. Delete the following paragraphs. These paragraphs do not apply to this deliverable: 10.1, 10.2.3, 10.2.5, 10.2.6, and 10.2.9.

In paragraph 10.2.1.d, "Master Work Schedule Line Number (MWSLN)" may be used in place of "contract number".

In paragraphs 10.2.4 and 10.2.7, replace "CLIN" with "MWSLIN" (Master Work Schedule Line Item Number).

Blocks 10 and 12 – The report shall be submitted on the tenth of each month. The first submission shall be 30 days after the contract award.

The Production Status Report shall be transmitted via E-Mail to the following address: HoffmanRE@matcom.usmc.mil

Distribution Statement A: Approved for public release, distribution is unlimited.

G. PREPARED BY:
R. E. Hoffman

H. DATE
09/06/00

I. APPROVED BY:
R. E. Hoffman

J. DATE
09/06/00

15. TOTAL
0 1 0

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

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Page 1 of 1 Pages

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addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

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A. CONTRACT LINE ITEM NO.

B. EXHIBIT

C. CATEGORY:
TDP TM Other XXX

D. SYSTEM/ITEM
AAV M36E3 Head Assembly

E. CONTRACT/PR No.

F. CONTRACTOR

1. DATA ITEM No.
C001

2. TITLE OF DATA ITEM
Request for Waiver (RFW)

3. SUBTITLE
Configuration Management

4. AUTHORITY (Data Acquisition Document No.)
DI-CMAN-80641B

5. CONTRACT REFERENCE
SOW 3.3

6. REQUIRING OFFICE
MARCORLOGBASES 851

7. DD 250 REQ.
LT

9. DIST STATEMENT
REQUIRED
A

10. FREQUENCY

12. DATE OF FIRST SUBMISSION
See Blk 16

14. DISTRIBUTION

8. APP CODE

11. AS OF DATE

13. DATE OF SUBSEQUENT
SUBMISSION

a. ADDRESSEE

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16. REMARKS

MEARS CREATE Files shall be provided as an electronic submission. Any accompanying documentation to the MEARS text files shall be in Microsoft Office format or as a CCITT Group IV graphic file. Group IV graphic files shall have a minimum density of 600dpi.

RFWs notification shall be accomplished by transmitting via e-mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

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MCLBA (834-1)

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MCLBA (851-2)

0

1

0

15. TOTAL

0

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G. PREPARED BY:
[Signature]

H. DATE
9/5/00

I. APPROVED BY:
[Signature]

J. DATE
09/06/00

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17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE

(1 Data Item)

Form Approved
OMB No. 1704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY:			
		TDP	TM	Other	XXX

D. SYSTEM/ITEM AAV M36E3 Head Assembly	E. CONTRACT/PR No.	F. CONTRACTOR
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1. DATA ITEM No.	2. TITLE OF DATA ITEM	3. SUBTITLE
C002	Request for Deviation (RFD)	Configuration Management

4. AUTHORITY (<i>Data Acquisition Document No.</i>)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640B	SOW 3.3	MARCORLOGBASES 851

7. DD 250 REQ. LT	9. DIST STATEMENT REQUIRED A	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION		
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a ADDRESSEE	b COPIES Draft	FINAL Reg Repro

16. REMARKS	MCI BA 834-1	0	0	0
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[illegible]

G. PREPARED BY: <i>Douglas C Clark</i>	H. DATE <i>7/5/00</i>	I. APPROVED BY: <i>E.E. Haffey, Jr.</i>	J. DATE <i>09/06/00</i>
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